9th Class 2017				
Section Sectio	th (Science)	Group-II	THE PARTY OF THE P	
Commence of the Parket	100' ZU WIII acoo	(Objective Type)	Paper-I	
Water Company	correct. IIII that circle in from			
ds.				
-				
(0)	Marker or Per	Marker or Pen ink in the answer-book. Cutting o		
filling two or more circles will result in zero methat question. 1-1- x = 0 is a solution of the inequality (a) 3x + 5 < 0 (b) x > 0			ult in zero mark in	
			ty	
	(c) $x + 2 < 0$	(d) x 2 - 0		
\	(c) $x + 2 < 0$ (d) $x - 2 < 0 \sqrt{2}$ 2- Mid-point of the points (2, -2) and (-2, 2) is:			
\	(a) (2, 2)	(b) $(-2, -2)$ and	d (-2, 2) is:	
	(c) (0,0) v	(d) (1, 1)	- X	
	3- A line segmen	nt has end po	olean	
	(a) 2 1	(b) 3	oints.	
	(c) 4	(d) 5		
	4- The square root of $a^2 - 2a + 4 = a$			
	(a) \pm (a + 1)	(b) $\pm (a - 1)$ (d) $a + 1$	√	
The state of the s	(c) a – 1	(d) a + 1		
Write $\sqrt[7]{x}$ in exponential form:				
	(a) x	(b) $x^{7/2}$		
((c) x ⁷	(d) $x^{1/7} $		
the degree of polynomial $4x^4 + 2x^2y$ is			2x²y is	
	(c) 3	(b) 2 (d) 4 √		
	Bisection mea	ans to divide into _	equal parts.	
	(a) 2 √ (c) 4	(b) 3		
8. A diagonal of parallelogram divides it into _congruent triangles.			ides it into	
			ides it litto	
	(a) 3	(b) 2 √		
	(c) 4	(d) 5		

If $\begin{vmatrix} 2 & 6 \\ 3 & x \end{vmatrix} = 0$, then 'x' is equal to: (a) 9 V (d) -9(c) 6 If (x - y, y + 1) = (0, 0), then (x, y) is: (b) (1, 1) (a) (-1, 1)(c) (1, -1) √ (d) (-1, -1)11- The symbol used for similarity is (a) = (b) 上 (d) ~ √ $(c) \leftrightarrow$ 12- In a parallelogram, opposite angles are (a) Parallel (b) Congruent √ (c) Concurrent (d) Perpendicular 13- A triangle having two sides congruent is call (a) Scalene (b) Right angled (c) Isosceles 1/ (d) Equilateral The factors of $x^2 - 5x + 6$ are (a) x + 1, x - 6(b) $x-2, x-3 \sqrt{ }$ (c) x + 6, x - 1(d) x + 2, x + 315- The relation $y = \log_z x$ implies (a) $z^y = x \sqrt{}$ (b) $y^z = x$ (c) $x^z = y$ (d) $x^y = z$